Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Sunday 12 Feb 2023 until 23:59 on Monday 13 Feb 2023

Forecast Issued on Saturday 11 Feb 2023 at 11:12

Confidence: High for mainly dry and settled conditions. Medium for cloud details.

Headline for Sunday 12 Feb 2023: Cloudy start, but brighter spells developing. Chilly summit winds.

Mountain weather hazards on Sunday 12 Feb 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
Low Likelihood

Heavy persistent rain
No Likelihood

Storm force winds
No Likelihood

Poor visibility
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
MIST	MIST	MIST	MIST				
Mist	Mist	Mist	Mist	Cloudy	Sunny intervals	Cloudy	Partly cloudy (night)
Precipitation probability							
30%	30%	30%	20%	10%	<05%	00%	00%

Forecast for Sunday 12 Feb 2023

Weather: Cloudy start, perhaps some mist and drizzle, but brighter skies developing during the day, a few sunny breaks possible, these most likely across the Eastern and Far Eastern Fells.

Chance of cloud-free hill tops above 800m: 30% becoming 80% in the afternoon.

Low cloud and visibility: Extensive cloud, base around 600m at first, patches to 300m on west and southwest facing slopes. The cloud becoming extensive or occasional, base 600 to 900m during the day, perhaps clearing at times in the afternoon and evening. Visibility moderate to very poor in mist, drizzle and summit cloud, but becoming mostly good or very good through the afternoon and evening.

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Mountain Weather Forecast

Forecast for Sunday 12 Feb 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	16/19 SW	17/21 SW	17/21 S	17/22 S	18/24 S	17/22 S	16/20 S	16/22 S	19/27 S
600	11/16 SW	13/18 SW	13/20 SW	14/20 S	15/21 S	14/20 S	13/19 S	15/23 S	21/31 S
300	4/13 SW	4/14 SW	4/14 SW	4/14 S	7/18 S	7/17 S	3/14 S	5/17 S	10/22 S
Valley	3/11 SW	5/14 SW	5/15 SW	6/15 S	8/16 S	7/15 S	4/12 S	5/13 SE	5/14 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	1/-4	1/-4	1/-4	1/-5	1/-5	1/-4	0/-5	0/-5	0/-6
600	3/-1	3/-1	3/-2	3/-2	4/-1	4/-1	2/-2	2/-2	2/-4
300	5/4	5/4	5/3	5/4	6/4	6/4	4/2	4/1	3/-0
Valley	7/6	7/6	7/5	7/6	8/6	8/6	7/5	6/4	5/4
Freezing Level*	1100m	1100m	1000m	1000m	1000m	1000m	1000m	1100m	1100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Nothing further to add.

Forecast for Monday 13 Feb 2023

Weather: Some low cloud, mist and fog possible overnight and early morning, most likely across the Southwestern and Southeastern Fells. This lifting and clearing during the morning to leave a bright day with sunny spells. Remaining dry with clear spells in the evening.

Maximum wind: South 10 to 15mph

Chance of cloud-free hill tops above 800m: 60% becoming 90% by afternoon.

Low cloud and visibility: Occasional or patches, surface to 600m at first, lifting and clearing later in the morning. Visibility moderate to very poor in any early low cloud, mist and fog, otherwise good or very good.

Temperature: **Valleys:** Zero Celsius around dawn rising to 10 Celsius
At 800m: Zero to Plus 4 Celsius
Freezing level: Well down around dawn, but soon rising near or above the summits.

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Saturday 11 February 2023. Location: Helvellyn summit (950m) at 12:18. Full report: Similar conditions have been in place for the last few days. Relatively mild and damp with persistent light rain and hill fog. There has been little change in the ground conditions. The Lakeland fells are almost entirely snow free, albeit apart from a few old patches of snow that are quite resistant to thawing. These are present on steep ground around the north and east-facing corrie rims and gully exits above roughly 900m. Some old slumping cornices are also present in these locations too. The exits to both Striding and Swirral edges still hold old patches of snow, although, with careful route choice, they can be passed without setting foot on it. The rock was wet and slippery today. Despite the fells not looking particularly wintery, windchill (feels-like) temperatures are generally still in negative figures on the tops. Significantly reduced visibility today could also make navigating quite challenging. Full winter clothing (warm and waterproof) including hats and gloves and equipment including a headtorch, map, and compass are all essential for anyone venturing into the higher fells tomorrow. Temperature: plus 1.9 C, Maximum wind speed 24 mph, Wind chill: minus 6.0 C, Average wind speed: 14.6 mph

Issued at: 1112 on Sat 11 Feb 2023

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